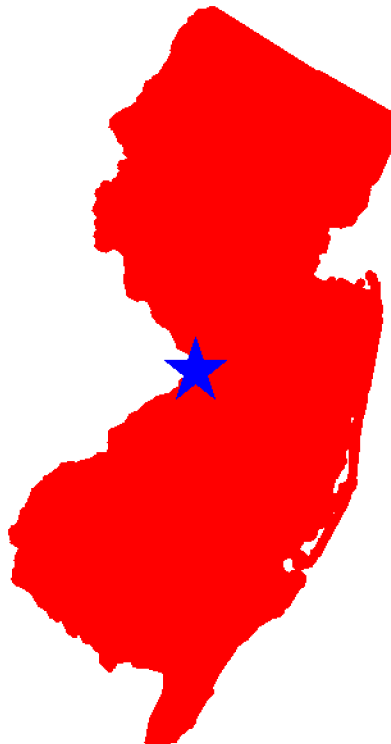




## Traffic Safety Facts New Jersey 2003-2007



This Report Contains Data From the Following Sources:

Fatality Data - NCSA Fatality Analysis Reporting System (FARS)

FARS Data: 2003-2006 Final File and 2007 Annual Report File (ARF)

Observed Safety Belt Data - NCSA National Occupant Protection Use Survey (NOPUS) and the New Jersey State Survey  
Vehicle Miles of Travel Data and Motorcycle Registrations - Federal Highway Administration (FHWA)

Population Data - U.S. Bureau of the Census



## Table of Contents

Pg3.	Fatality Rates: New Jersey , U.S. and Best State
Pg4.	Alcohol-Related Fatalities: New Jersey , U.S. and Best State (Old Definition)
Pg5.	Alcohol-Impaired Driving Fatalities: New Jersey , U.S. and Best State (New Definition)
Pg6.	Fatalities Per 100 Million VMT: New Jersey , U.S.
Pg6.	Alcohol-Impaired Driving Fatalities Per 100 Million VMT: New Jersey , U.S.
Pg7.	Blood Alcohol Concentration (BAC) Reporting Rates For Drivers/Motorcycle Rider (Operators) Involved in Fatal Crashes: New Jersey , U.S. and Best State
Pg8.	Passenger Vehicle Occupant Fatalities by Restraint Use: New Jersey , U.S. and Best State
Pg9.	Passenger Vehicle Occupant Fatalities by Percent Restraint Use: New Jersey , U.S.
Pg9.	Passenger Vehicle Occupant by Observed Restraint Use: New Jersey , U.S.
Pg10.	Passenger Vehicle Occupant Fatalities Aged 5 and Above by Restraint Use and Lives Saved Estimates
Pg10.	Passenger Vehicle Occupant Fatalities Aged Under 5 by Restraint Use and Lives Saved Estimates
Pg11.	Motorcycle Occupant Fatalities by Helmet Use and Lives Saved Estimates
Pg12.	Fatalities by Person Type
Pg13.	Fatalities by Crash Type
Pg14.	Motorcyclist Fatalities by Age
Pg14.	Motorcyclist Fatalities Per 100,000 Registered Motorcycles
Pg15.	Top 10 Counties for Fatalities and Fatality Rates
Pg16.	Top 10 Counties for Alcohol-Impaired Driving Fatalities and Alcohol-Impaired Driving Fatality Rates



### Fatality Rates: New Jersey , U.S. and Best State

Year		Fatalities	Total Vehicle Miles Traveled (Millions)	Fatalities Per 100 Million Vehicle Miles Traveled	Total Population	Fatalities Per 100,000 Population
2003	New Jersey	733	69,778	1.05	8,604,990	8.52
	US	42,884	2,890,450	1.48	290,447,644	14.76
	Best State*			0.83		7.18
2004	New Jersey	723	72,844	0.99	8,641,235	8.37
	US	42,836	2,964,788	1.44	293,191,511	14.61
	Best State*			0.87		7.40
2005	New Jersey	747	73,819	1.01	8,657,445	8.63
	US	43,510	2,989,430	1.46	295,895,897	14.70
	Best State*			0.80		6.86
2006	New Jersey	771	75,371	1.02	8,666,075	8.90
	US	42,708	3,014,116	1.42	298,754,819	14.30
	Best State*			0.78		6.32
2007	New Jersey	724			8,685,920	8.34
	US	41,059	2,996,409	1.37	301,621,157	13.61
	Best State*					6.47

\*State (or States) With Lowest Rates: Lowest VMT and Population Rates Could Be in Different States

2007 State Vehicle Miles Traveled (VMT) Data is Currently Not Available. 2007 National VMT is a Preliminary Estimate and Subject to Change

[Back To The Table of Contents](#)



### Alcohol-Related Fatalities: New Jersey , U.S. and Best State (Old Definition)

Year		Total Fatalities in all Crashes	Alcohol-Related Fatalities**				Alcohol-Related Fatalities (BAC = .08+) Per 100 Million VMT
			BAC = .01+		BAC = .08+		
			Number	Percent	Number	Percent	
2003	New Jersey	733	279	38	238	32	0.34
	US	42,884	17,105	40	14,678	34	0.51
	Best State*			15		13	0.16
2004	New Jersey	723	270	37	217	30	0.30
	US	42,836	16,919	39	14,593	34	0.49
	Best State*			25		21	0.27
2005	New Jersey	747	284	38	238	32	0.32
	US	43,510	17,590	40	15,102	35	0.51
	Best State*			14		13	0.14
2006	New Jersey	771	341	44	271	35	0.36
	US	42,708	17,738	42	15,144	35	0.50
	Best State*			24		20	0.22
2007	New Jersey	724	294	41	232	32	
	US	41,059	17,036	41	14,575	35	0.49
	Best State*			23		19	

\*State (or States) With Lowest Percents: Lowest Percents Could Be in Different States

\*\*Includes BAC of All Involved Drivers, Motorcycle Riders, Pedalcyclists and Pedestrians

[Back To The Table of Contents](#)



## Alcohol-Impaired Driving Fatalities: New Jersey , U.S. and Best State (New Definition)

Year		Total Fatalities in all Crashes	Alcohol-Impaired Driving Fatalities (BAC = .08+)**		Alcohol-Impaired Driving Fatalities (BAC = .08+) Per 100 Million VMT
			Number	Percent	
2003	New Jersey	733	195	27	0.28
	US	42,884	13,096	31	0.45
	Best State*			12	0.15
2004	New Jersey	723	185	26	0.25
	US	42,836	13,099	31	0.44
	Best State*			20	0.25
2005	New Jersey	747	203	27	0.28
	US	43,510	13,582	31	0.45
	Best State*			12	0.13
2006	New Jersey	771	218	28	0.29
	US	42,708	13,491	32	0.45
	Best State*			19	0.20
2007	New Jersey	724	199	27	
	US	41,059	12,998	32	0.43
	Best State*			17	

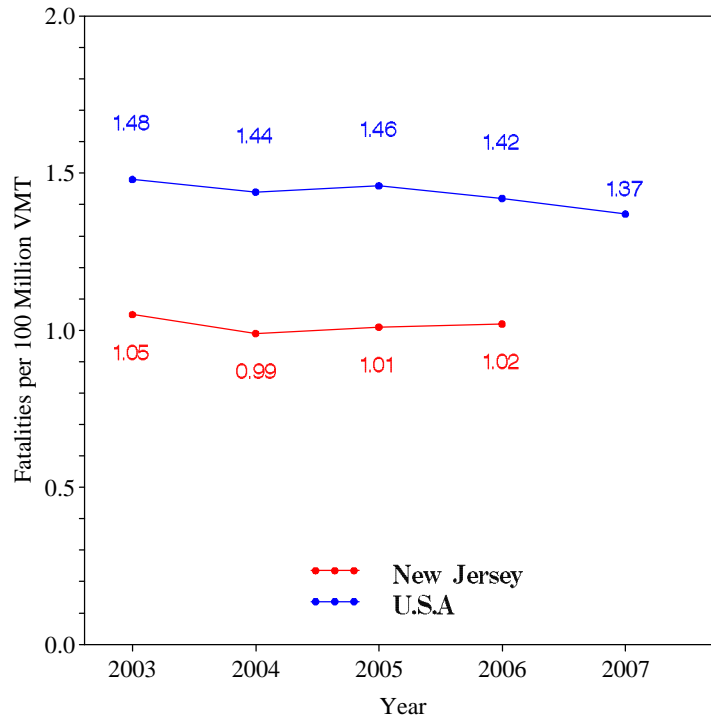
\*State (or States) With Lowest Percents: Lowest Percents Could Be in Different States

\*\*Includes BAC of All Involved Drivers and Motorcycle Riders Only

[Back To The Table of Contents](#)

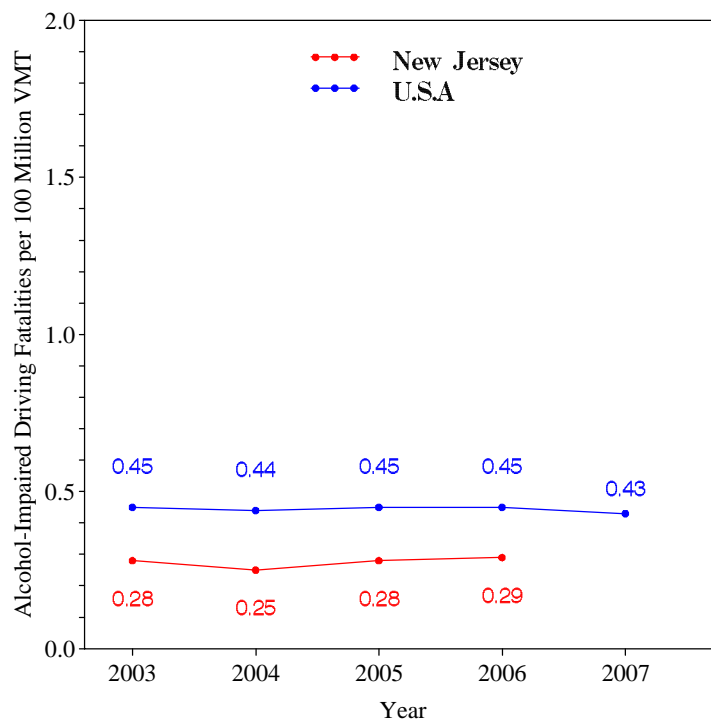


## Fatalities per 100 Million VMT: New Jersey and U.S



[Back To The Table of Contents](#)

## Alcohol-Impaired Driving Fatalities per 100 Million VMT: New Jersey and U.S



[Back To The Table of Contents](#)



## Blood Alcohol Concentration (BAC) Reporting Rates For Drivers/Motorcycle Riders (Operators) Involved in Fatal Crashes: New Jersey , U.S. and Best State

Year		Surviving Drivers/Motorcycle Riders			Killed Drivers/Motorcycle Riders			Total Drivers/Motorcycle Riders		
		Total	With Blood Alcohol Concentration (BAC) Results Reported to FARS		Total	With Blood Alcohol Concentration (BAC) Results Reported to FARS		Total	With Blood Alcohol Concentration (BAC) Results Reported to FARS	
			Number	Percent		Number	Percent		Number	Percent
2003	New Jersey	225	94	42	290	254	88	515	348	68
	US	51,793	12,358	24	32,471	22,718	70	84,264	35,076	42
	Best State*			87			98			89
2004	New Jersey	203	81	40	315	276	88	518	357	69
	US	51,440	12,277	24	32,596	21,984	67	84,036	34,261	41
	Best State*			84			97			90
2005	New Jersey	197	89	45	320	285	89	517	374	72
	US	51,791	10,963	21	33,288	22,436	67	85,079	33,399	39
	Best State*			89			98			91
2006	New Jersey	214	97	45	317	274	86	531	371	70
	US	49,884	11,028	22	32,940	22,531	68	82,824	33,559	41
	Best State*			86			100			87
2007	New Jersey	183	96	52	326	284	87	509	380	75
	US	47,786	9,975	21	31,867	20,261	64	79,653	30,236	38
	Best State*			84			97			86

\*State (or States) With Highest Percents: Highest Percents Could Be in Different States

[Back To The Table of Contents](#)



## Passenger Vehicle Occupant Fatalities by Restraint Use: New Jersey , U.S. and Best State

Year		Total Passenger Vehicle Occupant Fatalities	Total Passenger Vehicle Occupant Fatalities Restrained**		Observed Passenger Vehicle Occupant Restraint Use in all Traffic***
		Number	Number	Percent	Percent
2003	New Jersey	510	241	47	81
	US	32,271	14,075	44	79
	Best State*			64	95
2004	New Jersey	465	241	52	82
	US	31,866	14,225	45	80
	Best State*			68	95
2005	New Jersey	487	258	53	86
	US	31,549	14,061	45	82
	Best State*			68	95
2006	New Jersey	476	211	44	90
	US	30,686	13,760	45	81
	Best State*			66	96
2007	New Jersey	457	236	52	91
	US	28,933	13,306	46	82
	Best State*			64	98

\*State With Highest Percent. Fatal Crash and Observed Percents Can Be Different States

\*\*Unknown Restraint Use Was Proportionally Distributed Across Known Restraint Use

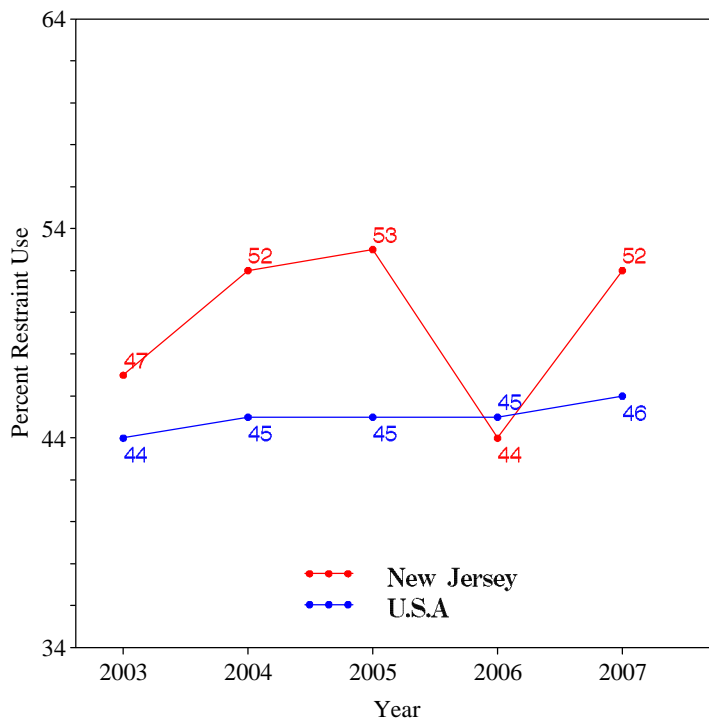
\*\*\*USA Data: National Occupant Protection Use Survey. New Jersey Data: State Survey

[Back To The Table of Contents](#)



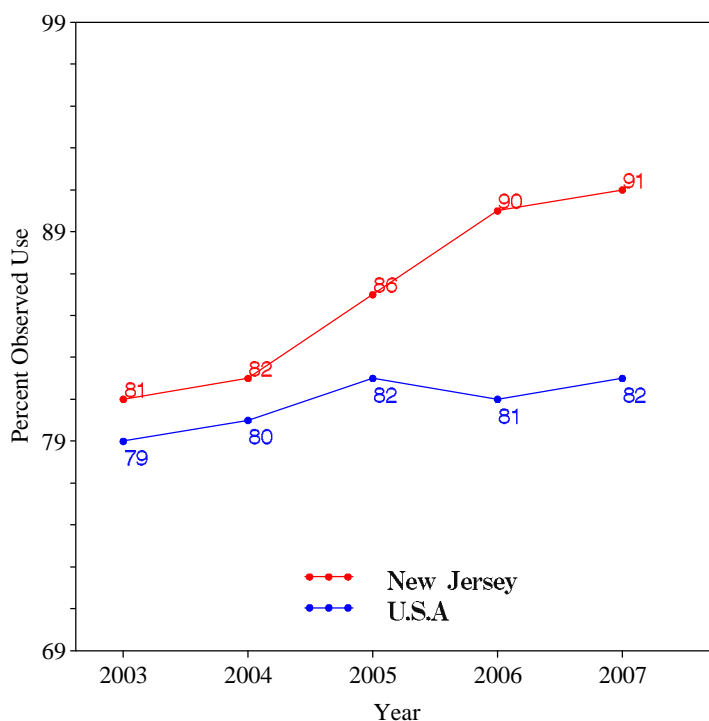


## Passenger Vehicle Occupant Fatalities by Percent Restraint Use: New Jersey and U.S



[Back To The Table of Contents](#)

## Passenger Vehicle Occupants by Percent Restraint Use Observed: New Jersey and U.S



[Back To The Table of Contents](#)



## Passenger Vehicle Occupant Fatalities Aged 5 and Above by Restraint Use and Lives Saved Estimates

Year	Passenger Vehicle Occupant Fatalities Aged 5 and Above*			Passenger Vehicle Occupant Lives Saved Estimates**	
	Total	Restrained	Unrestrained	Lives Saved at Current Belt Use	Potential Additional Lives Savable at 100% Usage
2003	506	239	267	238	83
2004	461	237	224	246	85
2005	480	255	225	260	70
2006	469	206	263	165	44
2007	448	228	220	250	51

\*Unknown Restraint Use Was Proportionally Distributed Across Known Restraint Use

\*\*Lives Saved Estimates

[Back To The Table of Contents](#)

## Passenger Vehicle Occupant Fatalities Aged Under 5 by Restraint Use and Lives Saved Estimates

Year	Passenger Vehicle Occupant Fatalities Aged Under 5*			Passenger Vehicle Occupant Lives Saved Estimates**	
	Total	Restrained	Unrestrained	Lives Saved at Current Belt and Child Seat Usage	Potential Additional Lives Savable at 100% Usage
2003	4	2	2	0	1
2004	3	3	0	3	0
2005	4	3	1	4	0
2006	6	4	2	4	1
2007	8	7	1	8	

\*Unknown Restraint Use Was Proportionally Distributed Across Known Restraint Use

\*\*Lives Saved Estimates

[Back To The Table of Contents](#)



### Motorcyclist Fatalities by Helmet Use and Lives Saved Estimates

Year	Motorcycle Rider Fatalities*			Motorcycle Rider Lives Saved Estimates**	
	Total	Helmeted	Unhelmeted	Lives Saved at Current Helmet Use	Potential Additional Lives Savable at 100% Usage
2003	57	46	11	27	4
2004	76	67	9	40	3
2005	61	51	10	30	4
2006	99	87	12	45	4
2007	84	70	14	42	5

\*Unknown Helmet Use Was Proportionally Distributed Across Known Helmet Use

\*\*Lives Saved Estimates

[Back To The Table of Contents](#)



## Fatalities by Person Type

Person Type		2003		2004		2005		2006		2007	
		#	%	#	%	#	%	#	%	#	%
<b>Occupants</b>	<b>Passenger Car</b>	396	18	329	16	353	16	334	15	323	15
	<b>Light Truck - Pickup</b>	25	1	30	1	29	1	39	2	39	2
	<b>Light Truck - Utility</b>	50	2	61	3	74	3	74	3	59	3
	<b>Light Truck - Van</b>	39	2	45	2	31	1	29	1	36	2
	<b>Large Truck</b>	10	0	11	1	21	1	10	0	14	1
	<b>Bus</b>	2	0	0	0	1	0	1	0	0	0
	<b>Other/Unknown Occupants</b>	5	0	3	0	7	0	4	0	4	0
	<b>Total Occupants</b>	527	25	479	23	516	24	491	22	475	23
<b>Motorcyclists</b>	<b>Motorcycle</b>	57	3	76	4	61	3	99	4	84	4
<b>Non-Occupants</b>	<b>Pedestrian</b>	137	6	152	7	153	7	164	7	149	7
	<b>Bicyclist and Other Cyclist</b>	11	1	16	1	17	1	12	1	13	1
	<b>Other/Unknown Non-Occupants</b>	1	0	0	0	0	0	5	0	3	0
	<b>Total Non-Occupants</b>	149	7	168	8	170	8	181	8	165	8
<b>Total</b>	<b>Total</b>	733	34	723	35	747	34	771	35	724	35

[Back To The Table of Contents](#)



## Fatalities by Crash Type

Crash Type	2003	2004	2005	2006	2007
<b>Total Fatalities (All Crashes)</b>	733	723	747	771	724
<b>- Single Vehicle (1)</b>	395	402	440	431	434
<b>- Involving a Large Truck (2)</b>	75	86	98	74	64
<b>- Involving Speeding (3)</b>	80	66	79	77	61
<b>- Involving a Rollover (4)</b>	93	103	110	119	94
<b>- Involving a Roadway Departure (5)</b>	342	339	362	352	356
<b>- Involving an Intersection (or Intersection related) (6)</b>	262	223	208	261	248

(1) Crash Involved Only One Coded Vehicle

(2) Crash Involved at Least One Large Truck

(3) Crash Involved at Least One Vehicle Speeding

(4) Crash Involved at Least One Vehicle That Rolled Over

(5) Crash Involved at Least One Vehicle That Departed the Roadway (FHWA Definition)

(6) Crash Occured Within an Intersection or Within the Approach to an Intersection

[Back To The Table of Contents](#)



## Motorcyclist Fatalities by Age

Year	Age							Total
	<20	20-29	30-39	40-49	50-59	>59	Unknown	
2003	8	17	14	12	4	2	0	57
2004	6	24	20	16	8	2	0	76
2005	3	17	18	10	8	4	0	60
2006	2	31	23	21	11	9	1	98
2007	5	17	24	19	11	7	0	83

[Back To The Table of Contents](#)

## Motorcyclist Fatalities Per 100,000 Registered Motorcycles\*

Year	Motorcyclist Fatalities	Total Motorcycle Registrations	Motorcyclist Fatalities Per 100,000 Motorcycle Registrations
2003	57	140,383	40.60
2004	76	149,911	50.70
2005	60	158,889	37.76
2006	98	163,609	59.90
2007	83		

\*Data Source: FHWA

[Back To The Table of Contents](#)



## Top 10 Counties for Fatalities and Fatality Rates

Top 10 Fatality Counties		Fatalities	Fatalities per 100,000 Population
1	Ocean County	74	13.09
2	Atlantic County	55	20.32
3	Monmouth County	55	8.57
4	Burlington County	54	12.09
5	Middlesex County	54	6.85
6	Essex County	49	6.31
7	Gloucester County	48	16.80
8	Camden County	45	8.76
9	Bergen County	40	4.47
10	Union County	31	5.91

Median Rate for all U.S. Counties: 20.32

Top 10 Fatality Rate Counties		Fatalities	Fatalities per 100,000 Population
1	Cape May County	21	21.78
2	Atlantic County	55	20.32
3	Salem County	13	19.69
4	Gloucester County	48	16.80
5	Cumberland County	22	14.14
6	Ocean County	74	13.09
7	Burlington County	54	12.09
8	Sussex County	15	9.90
9	Camden County	45	8.76
10	Monmouth County	55	8.57

[Back To The Table of Contents](#)



## Top 10 Counties for Alcohol-Impaired Driving Fatalities and Alcohol-Impaired Driving Fatality Rates

Top 10 Alcohol-Impaired Driving Fatality Counties		Fatalities	Fatalities per 100,000 Population
1	Ocean County	23	4.08
2	Monmouth County	18	2.83
3	Essex County	16	2.06
4	Gloucester County	15	5.32
5	Camden County	14	2.78
6	Bergen County	13	1.46
7	Atlantic County	12	4.25
8	Passaic County	11	2.24
9	Middlesex County	11	1.36
10	Hudson County	9	1.55

Median Rate for all U.S. Counties: 5.11

Top 10 Alcohol-Impaired Driving Fatality Rate Counties		Fatalities	Fatalities per 100,000 Population
1	Salem County	5	7.73
2	Gloucester County	15	5.32
3	Atlantic County	12	4.25
4	Ocean County	23	4.08
5	Cumberland County	6	3.86
6	Warren County	4	3.74
7	Cape May County	4	3.63
8	Monmouth County	18	2.83
9	Camden County	14	2.78
10	Mercer County	9	2.52

[Back To The Table of Contents](#)